

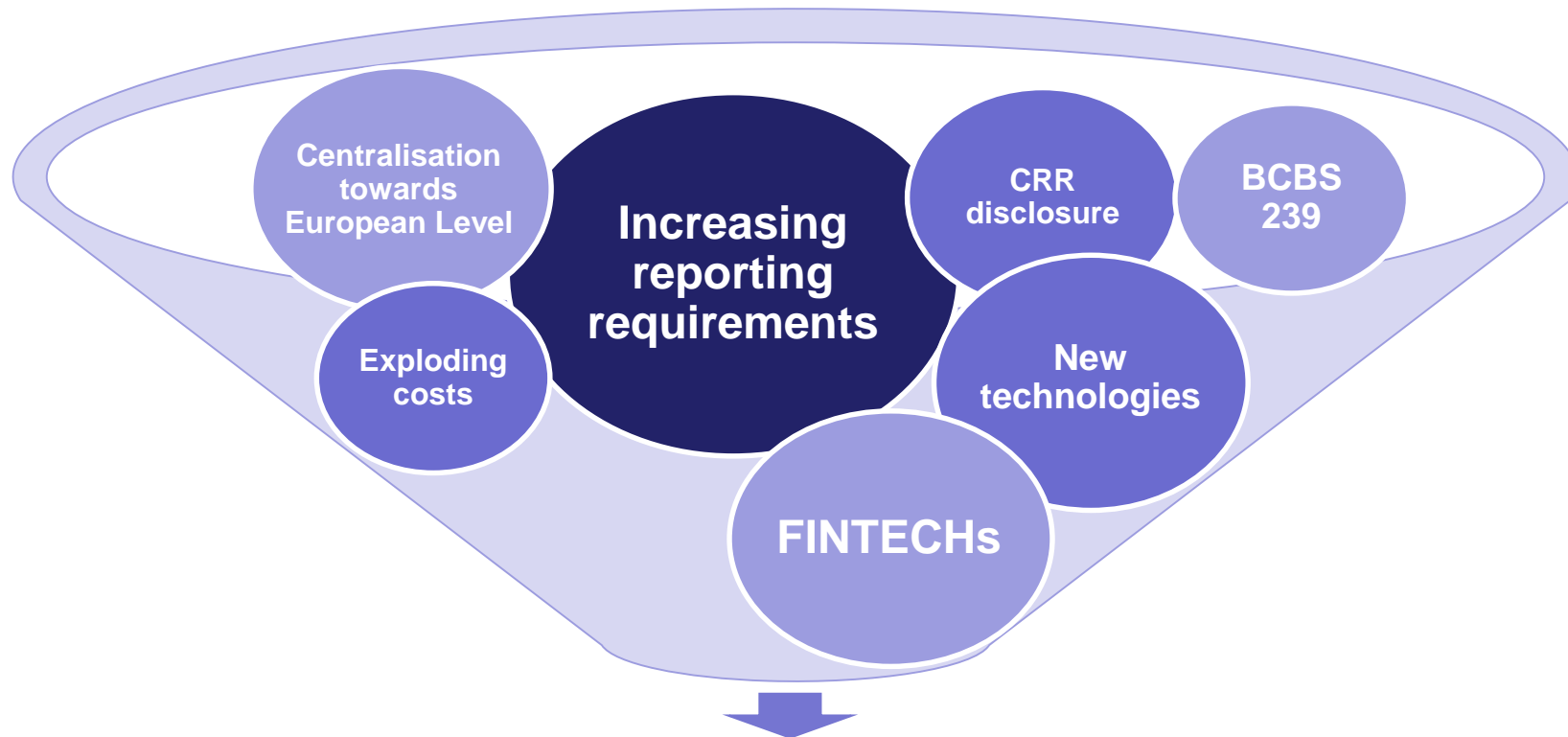


OESTERREICHISCHE NATIONALBANK
EUROSYSTEM

Make reporting more efficient by using innovative approaches

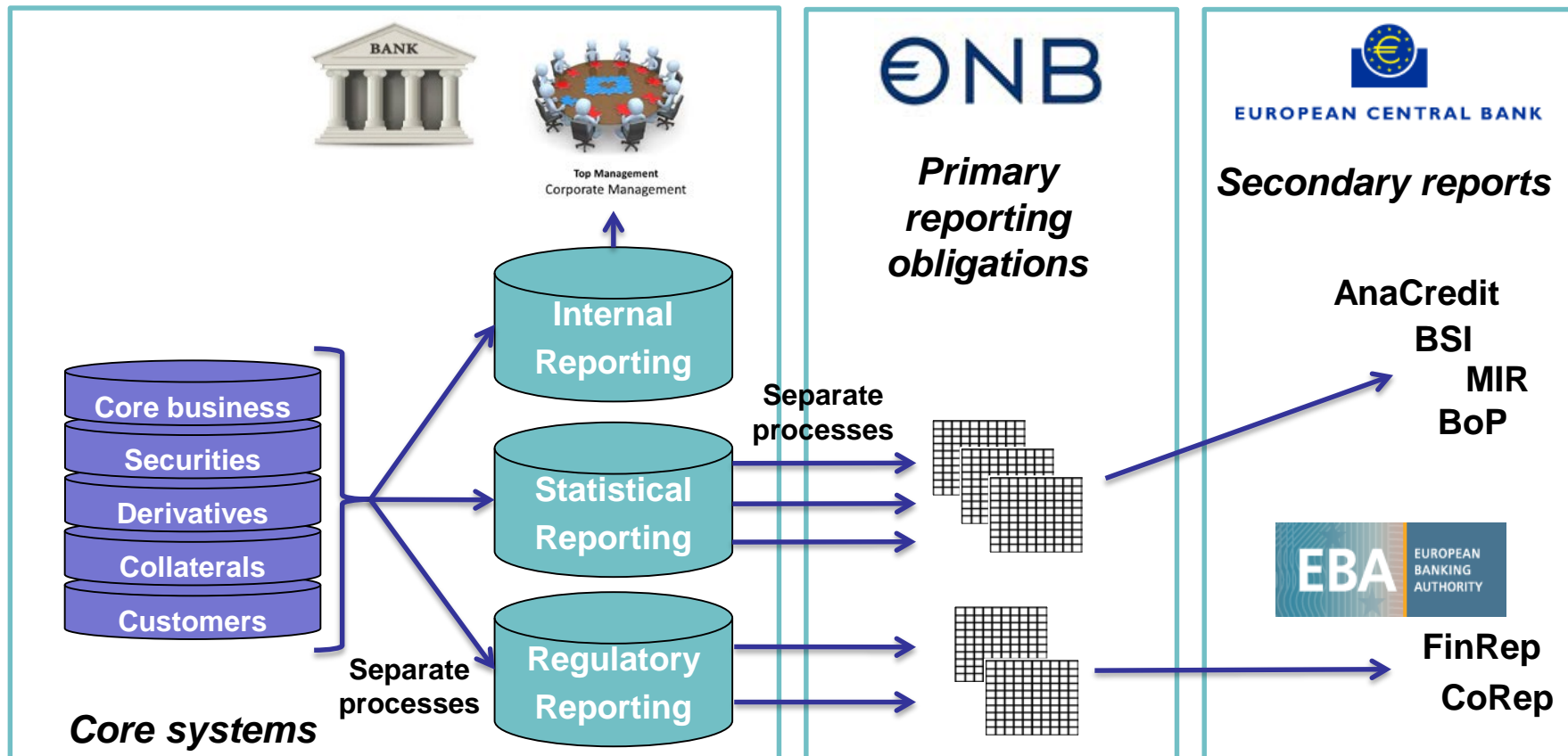
Conference on Fintech
Vienna, 22nd May 2019
Johannes Turner, Director Statistics Department

Challenges in banks' reporting

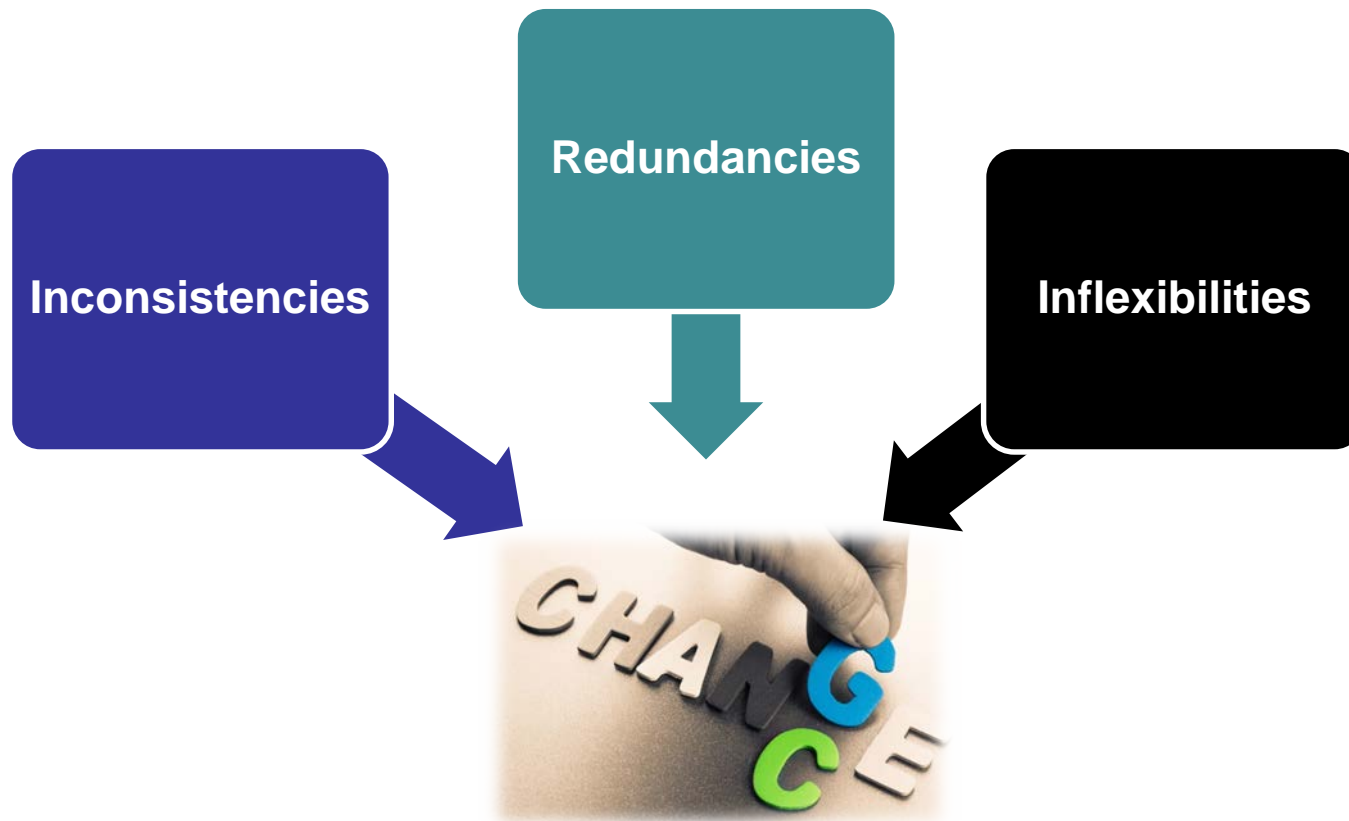


Are (central) banks well prepared?

Traditional processes of banks' reports ...



... often lead to ...



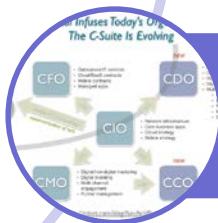
The RegTech/SupTech perspective



“A combination of technologies and *innovative processes* are deployed to modernize data gathering and data analytics”

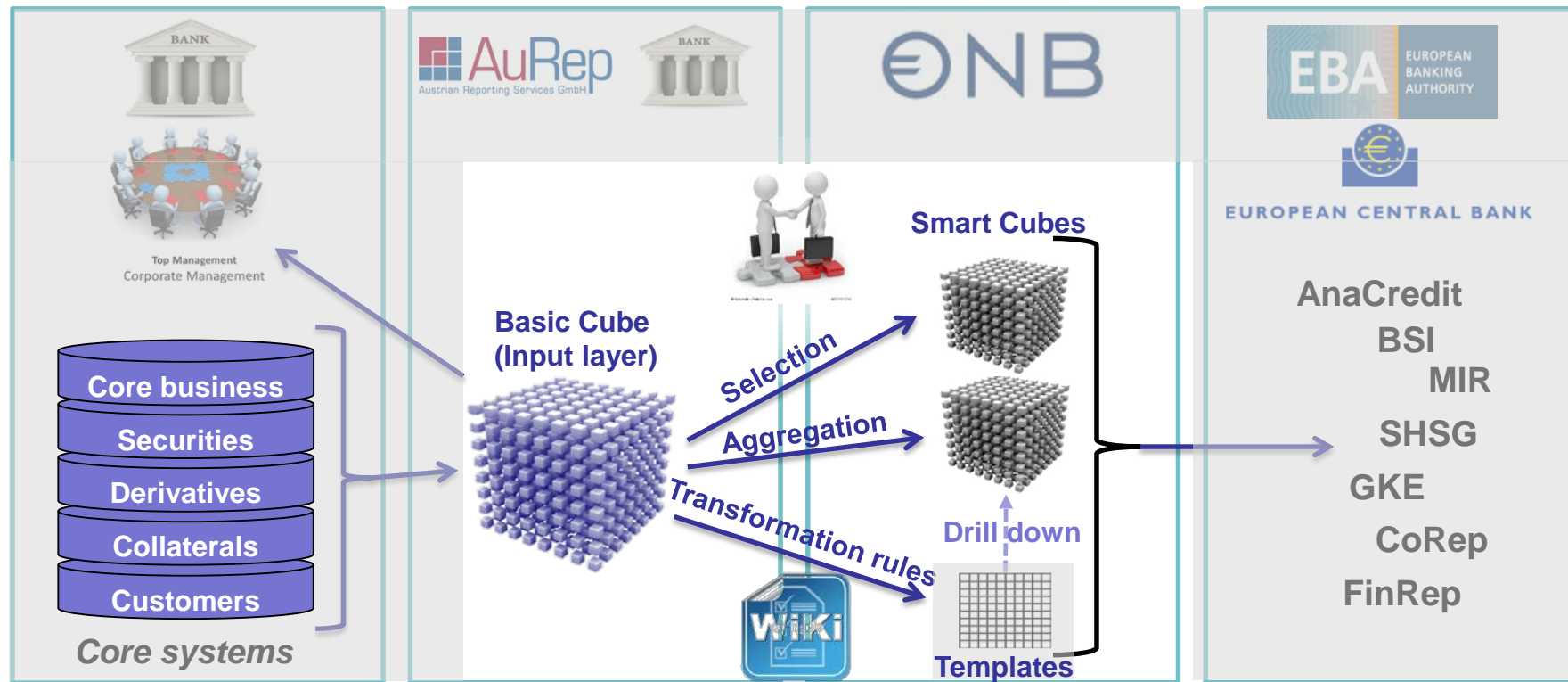


“It helps supervisory agencies *digitise reporting* and regulatory processes. Suptech could be a *game-changer* in efficient reporting”



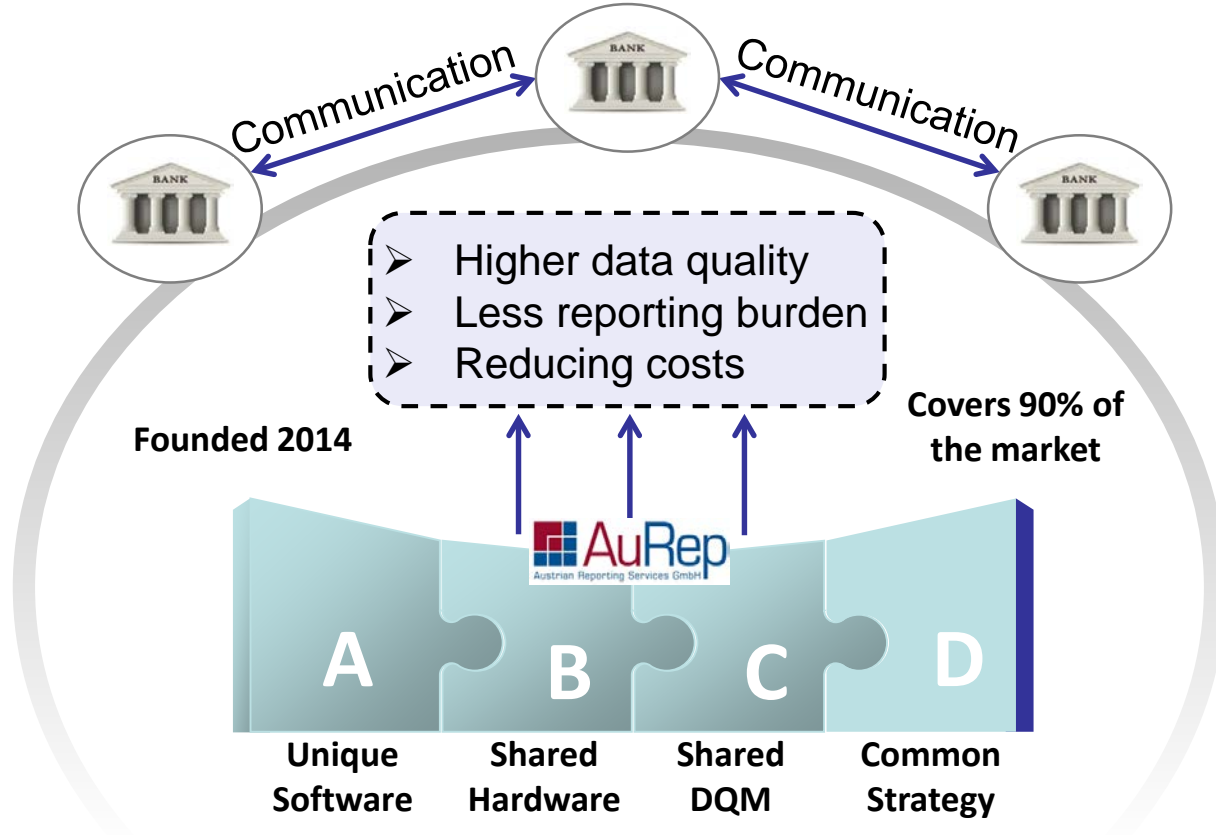
“RegTech/Suptech could have significant *organisational impact*”

Make reporting more efficient ...



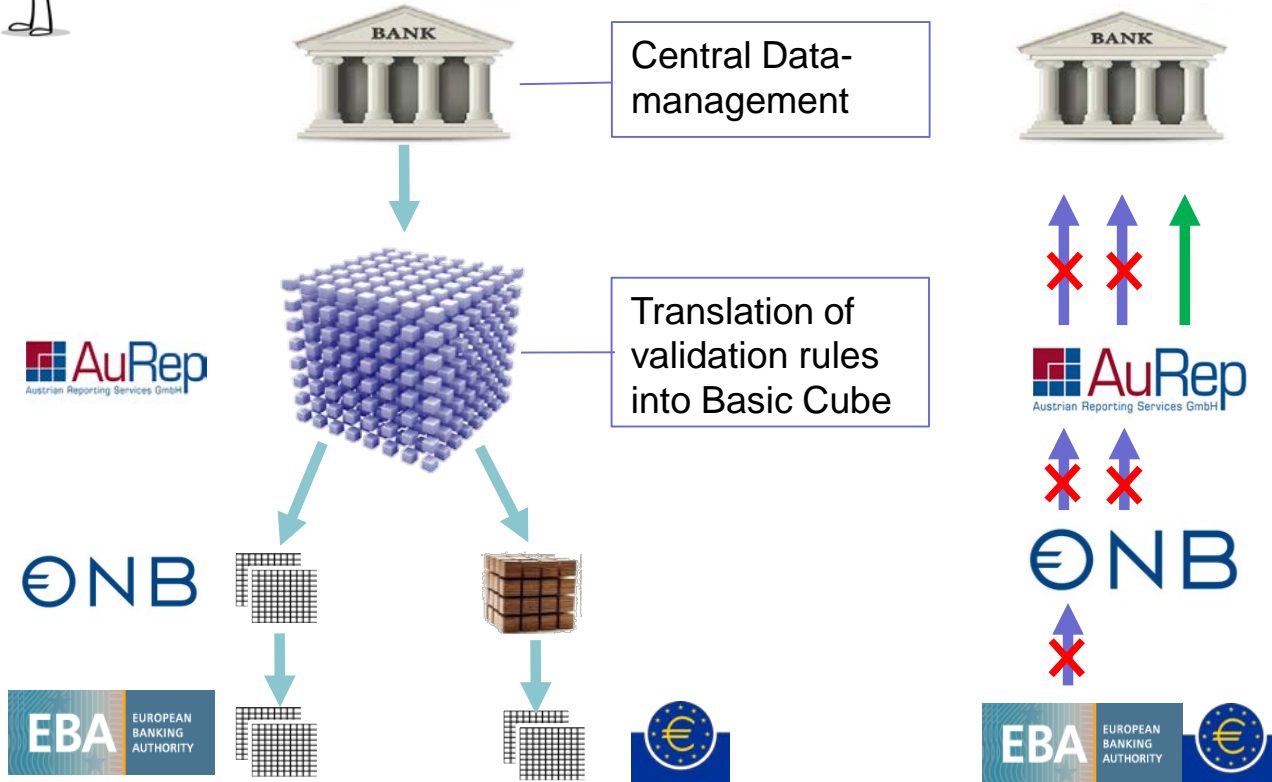
... by using an integrated reporting process

Realise synergizes and reduce costs





Do data quality management at the basis

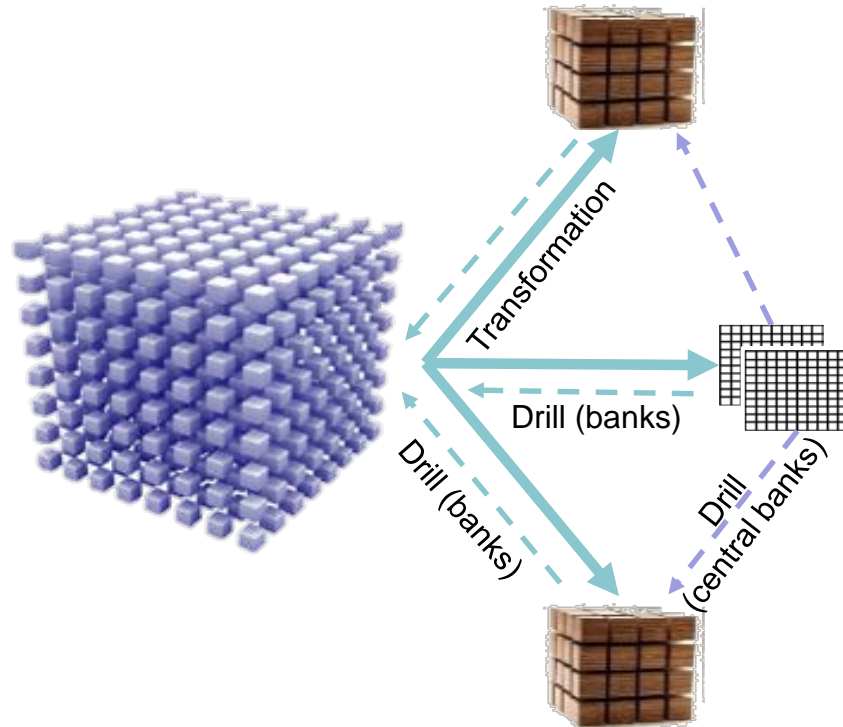


- Validation at Basic Cube level has positive affects at all other levels
- OeNB's/ECB's/EBA's DQM reduced
- Basis for passive data concept
- Need for machine-to-machine communication

- Development of validation rules by
- **OeNB, AuRep, banks in cooperation**
-



Use the common data model for drill downs

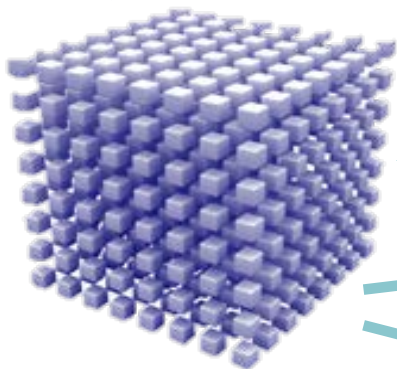


- Reverse engineering of transformation rules from basic cube to reports allows
 - drills within banks (e.g. from reports to basic cube) and
 - in the central bank (between reports in different granularity, e.g. FinRep to AnaCredit/SHSG), and
 - timely replies to ad hoc requests
- Drills show cross linking,
- Foster understanding, and
- Minimise enquiries from authorities

Passive data concept - the future of reporting?



Basic Cube – quality assured standard

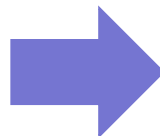
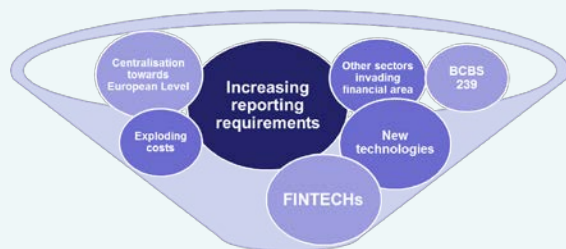


- Specific data requests only when needed (e.g. onsite inspection)
- via standardised language
- e.g. Use of APIs

- Reduced set on regular transmissions
- Especially for time series analysis (e.g. economics, financial stability) and key indicators

Conclusions

Challenge



Solution

= **Austrian integrated reporting data model**

- represents a **paradigm shift** in regulatory and statistical data remittance.
- fosters two-way **understanding** and **transparency**.
- is a driver to **align internal** and **external reporting**.
- leads to
 - higher **consistency** and **data quality**,
 - **less redundant** data deliveries.
 - higher **flexibility**, and
 - expected **lower costs**.